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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/552,760		
		Filing Date	April 18, 2000		
		First Named Inventor	Kirk B. Ashby		
		Art Unit	2817		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	049581-P024US-10006096

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
N	A	US-5,861,781-	01-19-1999	Ashby	
	B	US-5,559,468-	09-24-1996	Gailus	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
N	C	-EP 0 948 129 A1-	10-06-1999	Ericsson		
	D	-EP 0 508 741 A2-	10-14-1992	GEC Marconi Ltd		
	E	-EP 0 858 156 A1-	08-12-1998	Matsushita Ltd.		
	F	-EP 0 706 259 A1-	04-10-1996	Linear Modulation Technology		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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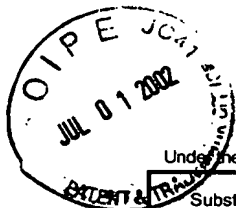
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PO	BA	-DE 19731012 A-	07/18/1997	ROHDE & SCHWARZ GBMH & CO KG		

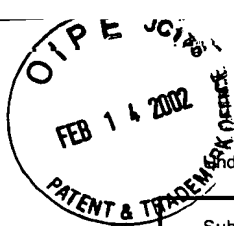
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	CA	Written Opinion issued June 13, 2002 in PCT/US01/12388	

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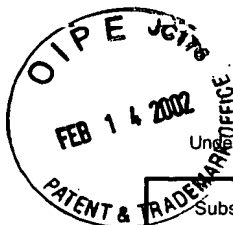
<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/552,760	
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			Art Unit	2817	
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Sheet	1	of	2	Attorney Docket Number	49581-P024US-10006096

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	D	4,979,230		Marz	12-18-1990	
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	L	5,563,545		Scheinberg	10-08-1996	
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15	N	Okanobu, Taiwa, Hitoshi Tomiyama, and Hiroshi Arimoto. "Advanced Low Voltage Single Chip Radio IC." IEEE Transactions on Consumer Electronics. Vol. 38 No. 3. (August 1992) 465-475.	
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	S	Gilbert, Barrie. "Demystifying the Mixer" Analog Devices Inc. (April 1994). 1-58.	
	T	Scheinberg, N., et al. "A GaAs Up Converter Iterated Circuit for a Double Conversion Cable TV "Set-Top" Tuner" International Conference on Consumer Electronics. (June 1993). 108-109.	
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				First Named Inventor	Kirk B. Ashby
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	DO-049581/P024US/10006096
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		UF Converter and Image Reject Downconverter." GaAs Symposium Technical Digest (October 1989) 189-192.			
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	AG	McDonald, Mark D. "A 2.5GHz BiCMOS Image-Reject Front-End" IEEE International Solid-State Circuits Conference. (1993). 144-145.			
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Examiner Signature				Date Considered	2/28/03

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